

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat exchanger, ~~especially~~ for motor vehicles, ~~having~~ comprising:

flat tubes through which first fluids can flow and which can be externally exposed to a second fluid that passes through the heat exchanger,

wherein the flat tubes ~~and which~~ are arranged fundamentally parallel to one another and transversely to a [[the]] direction of flow of the second fluid ~~in at least two rows,~~

~~wherein each first fluid being assigned~~ at least one row of tubes is provided for the first fluid,

wherein [[with]] the flat tubes in the at least one [[a]] row of tubes are [[being]] spaced apart to form [[forming]] flow paths for the second fluid ~~passing through the heat exchanger, and~~

~~cooling fins being~~ arranged in the flow paths, ~~which in each case~~ wherein the fins extend between adjacent flat tubes,

wherein the fins ~~multiple corrugated fins, which~~ are arranged in series in the direction of flow of the second fluid and are laterally offset in relation to one another such that at least one of the fins is completely laterally offset in relation to at least one other fin,

wherein the fins are configured ~~provided~~ as cooling fins,

wherein a plurality of the ~~and in that multiple corrugated~~ fins are arranged in series and are formed from a common strip.

2. (Currently Amended) The heat exchanger as claimed in claim 1, wherein [[the]] surfaces of the ~~corrugated~~ fins are arranged fundamentally parallel to the direction of flow of the second fluid.

3. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~multiple offset corrugated fins~~ ~~(3)~~ the offset fins are similarly shaped.

4. (Currently Amended) The heat exchanger as claimed in claim 1, wherein at least one of the ~~corrugated~~ fins [[(3)]] has gills [[(7)]] ~~for directing~~ configured to direct the second fluid [[(FL2)]].

5. (Currently Amended) The heat exchanger as claimed in claim 4, wherein all gills of a fin section bounded by two flat tubes are angled in a ~~[[the]]~~ same direction relative to the direction of flow of the second fluid.
6. (Previously Presented) The heat exchanger as claimed in claim 5, wherein the gills of two successively offset fin sections are angled in the same direction.
7. (Previously Presented) The heat exchanger as claimed in claim 5, wherein the gills of two successively offset fin sections are angled in opposite directions.
8. (Previously Presented) The heat exchanger as claimed in claim 1, wherein two successively offset fin sections are fundamentally parallel to one another.
9. (Currently Amended) The heat exchanger as claimed in claim 8, wherein the two successively offset fin sections are arranged fundamentally perpendicular to the flat tubes.
10. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the ~~corrugated~~ fins ~~[[3]]~~ extend for an equal or similar distance in the ~~main~~ direction of flow of the second fluid.
11. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~different rows~~ at least one row of tubes ~~have different fluids~~ has a different fluid flowing through ~~[[them]]~~ at least one other row of tubes.
12. (Currently Amended) The heat exchanger as claimed in claim 1, wherein one fluid flows through ~~different rows~~ more than one row of tubes.
13. (New) The heat exchanger as claimed in claim 1, wherein the flat tubes are arranged in at least two rows fundamentally parallel to one another and transversely to the direction of flow of the second fluid.
14. (New) The heat exchanger as claimed in claim 1, wherein the fins are corrugated.